

# EAST

(23) Halogen containing anhydrides used in preparing the reactive flame retardant polyols of the present invention have the structure:  $\text{R}_n\text{X}_m$  wherein R is a hydrocarbon group having the valence  $m/2$  and is selected from the group consisting of benzene groups, naphthalene groups and alicyclic hydrocarbon groups containing 5 to 10 carbon atoms, X is selected from the group consisting of bromine and chlorine and n is an integer from 1 to 6. Typical halogenated dicarboxylic anhydrides include:

- (24) 3-chlorophthalic anhydride,
- (25) 4-bromophthalic anhydride,
- (26) 3,5-dibromophthalic anhydride,
- (27) tetrabromophthalic anhydride,
- (28) tetrachlorophthalic anhydride,
- (29) 1,4,5,6,7,7-hexachlorobicyclo(2.2.1)-5-heptene-2,3-dicarboxylic,

Ⓢ Pending

**Active**

\* L1: (2871): (polyester adj. polyoi)same catalyst  
 \* L2: (3448083) metal  
 \* L3: (278044) tin  
 \* L4: (427) 11 same 13  
 \* L5: (317865) polyurethane  
 \* L6: (383) 14 and 15  
 \* L7: (2) ("446848C") EN.  
 \* L8: (1897) triethanolamine  
 \* L9: (C) 17 and 18  
 \* L10: (1039451) acetate or sodium  
 \* L11: (1) 17 and 18  
 \* failed

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	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	S	C	T		
1	<input type="checkbox"/>	<input type="checkbox"/>	US 4465450 A	19840828	5	Ester and halogen containing polyols	521/171	521/125; 521/172;		Barda, Henry J.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>